



Shri. Shamrao Patil (Yadravkar) Educational & Charitable Trust's,

**Sharad Institute Technology, Polytechnic, Yadav
Ichalkaranji.**

Program-Civil Engineering

Newsletter

SAHYADRI (SUMMER -23)

(Issue:9 ; Vol: II)



A Message From the Hon.Executive'sDesk...



I am extremely happy to know that the department of Civil Engineering is bringing out the Newsletter. Today, the role of a college is not only to pursue academic excellence but also to motivate and empower the students to be lifelong learners. So we give a harmonious personality development to our students through meditation and spiritual lectures to keep their body, mind and soul.



I feel very much pleased to know that Civil Engineering program is coming out with its maiden newsletter to provide a platform for student's creativity which they display in Program events. I express my best wishes to their novel initiative to enhance the Program performance by providing new foundation to achievements of students and faculty. I wish that they will carry on publication on flag shipping their deeds in newsletter.

From the HOD's Desk.....



Welcomes to Civil Engineering Department. Civil engineers are responsible for the infrastructure that transports goods and people; the buildings that we live, work, and recreate in; the technologies to deliver safe drinking water, manage our waste and remediate hazards; and the systems that protect us against natural disasters.

The objective of Civil Engineering Department is to produce Competent, disciplined quality Engineers to accomplish the department as the centre of excellence in civil engineering education. Here we want to make the department, the highest seat of learning, preparing men women with a strong conceptual foundation coupled with practical insight to meet the global business changes, and to develop conducive educational environment where students can reach their full potential in civil engineering discipline and to produce exemplary professional civil engineers of high ethics.

If you are looking for a well-balanced and innovative teaching-learning atmosphere in Civil Engineering, then you are at the right place! The Department of Civil Engineering strives for excellence in teaching and learning and professional development. We are proud to have well equipped laboratories and dedicated academic and technical staffs to support our academic program. Our department and its experienced staff offer practice-related education, preparing our students for a successful and rewarding career. Our aim is To meet global changes in development, innovation and applications of technology in the service of humanity. Here we offer nationally recognized, integrated civil engineering program that helps the students meet these professional aspirations.

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VISION AND MISSION OF INSTITUTE

Vision

To be a center of excellence in technical education by using cutting edge technology that produces competent engineers of today and tomorrow to serve the society.

Mission

- To impart quality education by implementing state-of- the-art teaching-learning methods to enrich the academic competency, credibility and integrity of the students.
- To facilitate a conducive ambience and infrastructure to develop professional skills and nurture innovation in students.
- To inculcate sensitivity towards society, respect for environment and promote high standards of ethics.

Quality Policy

We at Sharad Institute of Technology, Polytechnic strive to achieve stakeholder satisfaction by providing quality education and training in science, engineering and technology in a pleasant and disciplined environment through.

- ❖ Involvement at all levels
- ❖ Up gradation of facilities and human resources
- ❖ Commitment to continual improvement

ABOUT DEPARTMENT

Sharad Institute of Technology Polytechnic, Yadrav was established in 2008 and Department of civil Engineering is part of the institute since its inception. The departmental activities embrace planning, design, construction and management. The department has developed strong interaction with the construction industry. Many of the faculty members have completed their post-graduation. Besides high quality teaching department is actively involved in consultancy. It undertakes industrial consultancy work as a part of its interaction with industry and also organizes seminars for professional interaction. Many of our alumni hold prestigious position in leading academic institutions, industry and government. The department contributes to the interdisciplinary academic and various activities of the institute.

VISION AND MISSION OF PROGRAM

Vision

“To excel in Civil Engineering education to prepare professionally competent engineers with lifelong learning attitude for the accomplishment of ever-growing needs of society.”

Mission

- ❖ To prepare technically and professionally competent engineers by imparting quality education through effective teaching learning methodologies and providing stimulating environment for research and innovation.
- ❖ To develop professional skills and right attitude in students that will help them to succeed and progress in their personal and professional career.
- ❖ To imbibe moral and ethical values in students with concern to society and environment.

Program Educational Objectives

- ❖ The student will be able to succeed in their career by pursuing higher studies.
- ❖ The student will be able to exhibit sound foundation in domain knowledge.
- ❖ The student will be able to demonstrate professional skills through effective communication, teamwork, multidisciplinary approach and ethical behavior with concern to society and environment.

PROGRAM OUTCOMES (POs)

- 1. Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- 2. Problem analysis:** Identify and analyze well-defined engineering problems using codified standard methods.
- 3. Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- 4. Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

5. Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.

6. Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

7. Life-long learning: Ability to analyze individual needs and engage in updating in the context of technological changes.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Perform optimal civil engineering construction, planning and designing activities of desired quality at optima cost.

PSO2: Execute civil engineering construction and maintenance using relevant materials and equipments.

FACULTY PROFILE:-

Sr. No.	Name of Faculty	Qualification	Designation	Teaching Experience	Industrial Experience	Email
1	Mr. Tashildar Bajrang S	B.E. (Civil) M. Tech. (Structural Engg.), PhD*	Principal	14 Years	10 Years	tashildar.bajrang@rediffmail.com
2	Mr. Chavan Milind K	B.E. (Civil) M.E. (Structure).	HOD	9 Years	6 Months	milindia.mld@sitpolytechnic.org
3	Mr. Patil Pradeep D.	B.E. (Civil) M.E. (Structural Engg.) (Pursuing)	Lecturer	12 Years	-	pradeeppatil9196@sitpolytechnic.org
4	Mr. Bhavikatti Sunil K.	B.E. (Civil) M.E. Civil (C&M) (Pursuing)	Lecturer	14 Years	4 Years	omkar.bhavikatti@sitpolytechnic.org
5	Ms. Chudmunge Ashwini A.	B.E. (Civil)	Lecturer	6 Years	-	ashwinchudmunge555@gmail.com
6	Ms. Chougule Prital S.	B.E. (Civil) M.Tech (Environmental Engineering)	Lecturer	1.5 Year	-	pschougule@1008gmail.com
7	Mr. Khurape Tushar M.	B.E. (Civil) M.E. (Appr)	Lecturer	5Years	6 Years	tusharkhurape07@gmail.com
8	Ms.D.V.Lohar	B.E. (Civil) M.E. (Appr)	Lecturer	1 Year	-	ghanashreelohar8806@gmail.com
9	Ms.A.A.Patil	B.E. (Civil) M.Tech. (Appr)	Lecturer	1.5 Year	-	aishwaryad090@gamil.com

Faculty Participation:-

Sr. No	Name of Faculty	FDP Topic	Duration	Organization
1	Mr.B.S.Tashildar	Research article writing & patent filling	27/12/2022 to 31/12/2022	SITCOE, Yadrav
2	Mr.M.K.Chavan	Research article writing & patent filling	27/12/2022 to 31/12/2022	SITCOE, Yadrav
3	Mr.S.K.Bhavikatti	Research article writing & patent filling	27/12/2022 to 31/12/2022	SITCOE, Yadrav
4	Mr.P.D.Patil	Research article writing & patent filling	27/12/2022 to 31/12/2022	SITCOE, Yadrav
5	Mr.T.M.Khurape	Research article writing & patent filling	27/12/2022 to 31/12/2022	SITCOE, Yadrav
6	Ms.A.A.Chudmunge	Research article writing & patent filling	27/12/2022 to 31/12/2022	SITCOE, Yadrav
		Availability & Management of Groundwater resource	Jan-Feb 2023	NPTEL
7	Ms.P.S.Chougule	Research article writing & patent filling	27/12/2022 to 31/12/2022	SITCOE, Yadrav
		Electronic Waste Management-Issues&Challenges	Jan-Feb 2023	NPTEL
8	Ms.D.V.Lohar	Research article writing & patent filling	27/12/2022 to 31/12/2022	SITCOE, Yadrav
9	Mrs.A.A.Patil	STTP on Machine learning	21/02/2022 to 25/02/2022	Dr.JJMCOE, Jaysingpur

Project Completion:-

Sr.No.	Name Of Student	Name of Project
1	CHAVAN SAMRUDDHI TANAJI	PUF PANEL BUILDING
	GHUGARE POURNIMA RAJU	
	MALI SUHANI DILIP	
2	GAVADE SANIKA SANJAY	MIVAN TECHNOLOGY
	Mavale Vaishnavi Balasaheb	
	MHAINDARAKAR NEHA RAHUL	
3	CHOUGULE SAKSHI BALASAHEB	ROTATING BRIDGE (SWING BRIDGE)
	JADKAR ANJALI CHANDRAKANT	
	DALAVI SHIVANI ANANDA	
	NANDIKURALE DRAKSHAYANI BAJARANG	
4	KAMBLE NANDINI JITENDRA	THERMAL RESISTING STRUCTURE
	KOROCHIKAR SHREYA VINOD	
	VHASAKALLE SAMIKSHA JITENDRA	
	KAMBLE BHUVANESHWARI SATISH	
	KOLI ARCHANA RAJENDRA	
5	MATHAPATI OMKAR ANIL	RURAL DEVELOPMENT PLAN
	PARIT TUSHAR PRAMOD	
	ZENDE SHREYASH PRAMOD	
	SUTAR MANTHAN MADHUKAR	
6	DANAWADE ABHISHEK MAHAVEER	USE OF SUGARCANE BAGASSE AS A CONSTRUCTION MATERIAL
	PATIL DEEPAK PRAKASH	
	PATIL HARSHAL NEMGONDA	
	VARDHAMANE SARTHAK SHANTINATH	
	DANGE PRATHAMESH GOPAL	
7	PATIL AJAYKUMAR SURYAKANT	USE OF FOUNDRY SAND IN PAVING BLOCKS
	RAJPUT NILESH RATANSING	
	NAKKARCHI DANISHAHMED MUNIRAHMED	
	BAGWAN AARKAM ASLAM	
	PUJARI RAJAT MARUTI	
8	KHARADE KRISHNA TUKARAM	LIGHTWEIGHT BRICK MANUFACTURING WITH BAGGASE
	NADAF AMAN NAJIR	
	PATIL PRASAD PRAKASH	
	BARWADE ADARSH SHITAL	
	DESHMUKH RITESH RAJIV	
9	NAIK SACHIN MALLAPPA	PHEASIBLE WATER SUPPLY FOR RURAL AREAS-JAINAPUR ,TAMDALGE, KONDINGRE
	VASUDEV SOURABH RAJU	
	RUGGE SUJAY SANJAY	
	SAVAIRAM OMKAR TULSIDAS	
	WAINGADE TEJAS UTTAM	
10	NADAF SUBAHAN IQBAL	COBAIX SLAB
	MULLA SAHIL SAJJAD	
	MOMIN MAHAMADAJIM MAHAMADMAJUR	
	ATTAR ARBAJ ILAI	

	BHOSALE VIVEK PARSHURAM	
11	SOLANKI KUMAR SINGH	STUDY OF TRANSPORTATION NEEDS IN RURAL AND SEMIURBAN AREAS
	SUNIL CHOUDHARY	
	MUKESH KUMAR	
	VIKEE KUMAR	
12	PRADHANE CHAITANY MAHADEV	DESIGN OF GREEN BUILDING
	JADHAV DAVARE VINAY SOMNATH	
	NALAWADE ROHIT DILIP	
	KOLI SHIVAM ANIL	
	MIRAJE JAYESH SUNIL	
13	KAMBLE SARTHAK SANDIP	EARN VALUE ANALYSIS ON RESIDENTIAL BUILDING SITE
	KADAM ADITYA SANJAY	
	SATPUTE SUMIT MANOHAR	
	MULLA SAMEER BADRUDDIN	
	JAMADAR ABRAR NISAR	

Project Selected to Depex 2023 for Project Competition:-



SR.NO	NAME OF STUDENTS	TITLE OF PROJECT	CLASS	NAME OF GUIDE
1	Abhishek Mahaveer Danwade	Use of Sugarcane Bagasse as Construction Material in a Concrete	TY Civil	Mr.M.K.Chavan
	Deepak Prakash Patil			
	Harshal Nemgonda Patil			
	Sarthak Shantinath Vardhamane			

Activity on Content Beyond Syllabus:-

Expert Lecture on Career Opportunity In German Language by Ms. Ankita Mane



Expert Lecture on German Language

Industrial Visit:-

Sr. No.	NAME OF VISIT	CLASS
1	SOLID WASTE TREATMENT PLANT	TY CIVIL
2	CONSTRUCTION OF SEWAGE TREATMENT PLANT	SY CIVIL
3	VISIT FOR VISUAL INSPECTION OF SOIL LAYERS	SY CIVIL
4	CONSTRUCTION OF APARTMENT BUILDING of 'FORTUNE SAPPHIRE'	FY CIVIL

Industrial Visit Photos:-



SOLID WASTE TREATMENT PLANT OF TY CIVIL Students



SOLID WASTE TREATMENT PLANT OF TY CIVIL Students



Visit to Construction of Sewage Treatment Plant of SY Civil Students



Visit to Construction of Sewage Treatment Plant



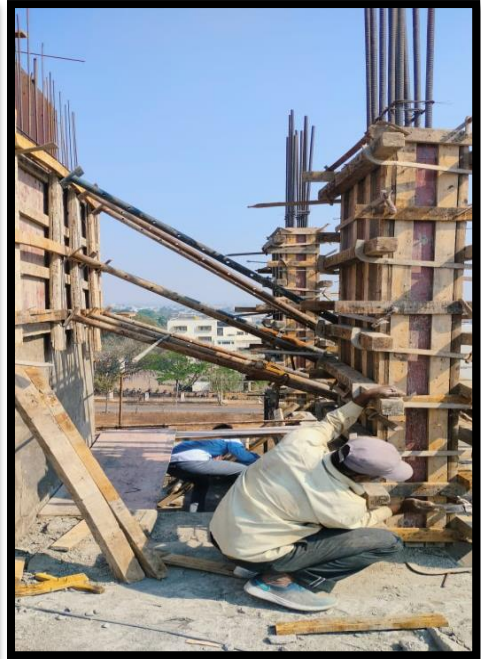
Visit to Construction of Sewage Treatment Plant



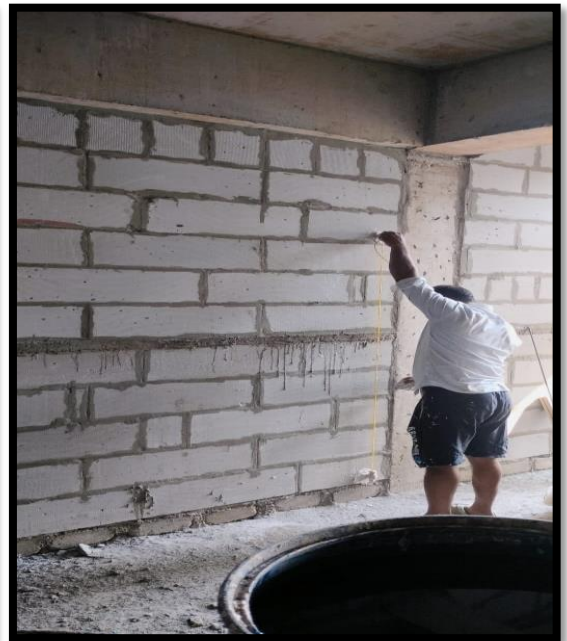
Visit to Visual Inspection of Soil Layers Of SY Civil Students



Visit to CONSTRUCTION OF APARTMENT BUILDING OF FY CIVIL



Visit to CONSTRUCTION OF APARTMENT BUILDING



Visit to CONSTRUCTION OF APARTMENT BUILDING

EXPERT LECTURES:-

Sr.No.	Topic	Name of Expert	Class
1	Advance Construction Techniques	Er.P.S.Joshi Project Manager	TY CIVIL
2	Six skills required to Building Construction Industry from Graduates	Mr. Dipesh Bafna	SY CIVIL
3	Remote Sensing & GIS	Er.Rahul Bhosale Seermaps PVT.LTD	SY CIVIL
4	Career Opportunities in Civil Engineering	Er. S.R.Vora Secretary Maharashtra Hot Mix Plant	FY CIVIL

EXPERT LECTURES:-



Expert Lecture on Advance Construction Techniques



Expert Lecture on Six skills required to Building Construction Industry from Graduates



Expert Lecture on Remote Sensing & GIS



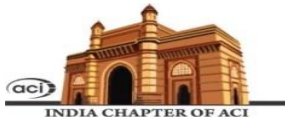
Expert Lecture on Career Opportunities in Civil Engineering

List of Class Toppers:-

MSBTE WINTER 2022 EXAM

Sr. No .	Name of Student	Result in %
Rank		
FY Civil		
1	Satpute Mohit Suhas	83.57%
2	VIBHUTE PRANAV GUNDU	83.43%
3	CHAVAN DHANASHREE RANJEET	81.57%
SY Civil		
1	JADHAV GAYATRI ANIL	87.33%
2	Jha Satyamkumar Akhilesh	85%
3	BUCHADE SMITAL SHASHIKANT	83.11%
TY Civil		
1	Kharade Krishna Tukaram	89.6%
2	Chavan Samruddhi Tanaji	87.9%
3	Patil Deepak Prakash	85.6%

Students Achievements:-



SECURED 'IC-ACEI' SCHOLARSHIP of 15,000/- Rs. Each



Kharade Krishna Tukaram TY CIVIL



Mr. Abhishek Danwade TY CIVIL

Student Placement:-



Ms.Neha R. Mhaindarkar

Selected In TATA POWER, LTD MUMBAI Annual Package 3.0L



Students Participation:-

Sr. No	Name of Student	Name of College	Event Name	Date	Level	Status
1	Dhanashree Ranjeet Chavan	Sharad Institute Of Technology Polytechnic	Volleyball	22-23	College Level	Winner
2	Dhanashree Ranjeet Chavan	Sharad Institute Of Technology Polytechnic	Chess Competition	22-23	College Level	Winner
3	Anjali Banderao Vibhute	Sharad Institute Of Technology Polytechnic	Volleyball	22-23	College Level	Winner
4	Anjali Banderao Vibhute	Sharad Institute Of Technology Polytechnic	Paper Presentation Competition	23-24	National Level	Participated
5	Shravani Koli	Sharad Institute Of Technology College Of Engineering	Poster Presentation	25th March 2024	College Level	Participated
6	Archana Sawant	Sharad Institute Of Technology Polytechnic	Project Competition Technocrat	13th April 2023	National Level	Participated
7	Archana Sawant	Dr JJ Magdum College Of Engineering Jaisingpur	Innovate	31st March 2023	National Level	Participated
8	Archana Sawant	Sharad Institute Of Technology Polytechnic	Volleyball	2022-23	College Level	Winner

Editorial Board :-

Sr.No.	Name Of Coordinator	Designation
1	Miss. A. A. Chudmunge	Lecturer
2	Mr.DANAWADE ABHISHEK MAHAVEER	TY Student
3	Mr. KHARADE KRISHNA TUKARAM	TY Student



Dear Readers,

We are presenting you with the Volume I Issue 11 of Newsletter of the Civil Engineering Dept “Sahyadri”. Our motto as a team of student and faculty members is to put Newsletter every half yearly as “Sahyadri”. I am deeply thankful and privileged for the efforts taken by department faculty, our students and also for the timely support and Encouragement of our respected Executive Director, Principal, HOD-Civil Engineering and Faculty members in bringing up this Newsletter. I hope this and upcoming Newsletter “Sahyadri” will be very useful and informative to the student readers and will be a source of encouragement for the other student members in the coming near future.

Miss.A.A.Chudmunge



Dear Readers,

I and my team are glad over release of half yearly News Letter “Sahyadri” Volume1, Issue II. It was a wonderful experience over working with Faculty involved and my team members, I and my team are very much thankful to our Department Faculty members in helping release of this News Letter. If you enjoy reading this newsletter then I would believe our efforts have been fruitful.

Mr.DANAWADE ABHISHEK MAHAVEER

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Dear Readers,

We are happy to inform Volume I, Issue 11 of our Newsletter “Sahyadri” is published. Our faculty involved has been encouraging student for effective and successful creation and publication. I am glad that I am part of this News Letter preparation. I am very much thankful to our Department Faculty members and my team members for helping me in making this News Letter. I hope you enjoy reading this newsletter

Mr. KHARADE KRISHNA TUKARAM

